

**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

**HUMAN LYASES**

the specification of which:

/ is attached hereto.

/ was filed on \_\_\_\_\_ as application Serial No. \_\_\_\_\_ and if this box contains an X /, was amended on \_\_\_\_\_.

/X was filed as Patent Cooperation Treaty international application No. PCT/US01/19166 on June 13, 2001, if this box contains an X /, was amended on under Patent Cooperation Treaty Article 19 on        2002, and if this box contains an X /, was amended on \_\_\_\_\_.

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Docket No.: PI-0137 USN

Country	Number	Filing Date	Priority Claimed
			/ / Yes / / No
			/ / Yes / / No

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Application <u>Serial No.</u>	Filed	Status (Pending, <u>Abandoned, Patented</u> )
60/213,383	June 23, 2000	Expired
60/215,544	June 30, 2000	Expired
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I hereby appoint the following:

(3)	Lucy J. Billings	Reg. No. <u>36,749</u>
	Jenny Buchbinder	Reg. No. <u>48,588</u>
	Michael C. Cerrone	Reg. No. <u>39,132</u>
	Diana Hamlet-Cox	Reg. No. <u>33,302</u>
	Richard C. Ekstrom	Reg. No. <u>37,027</u>
	Barrie D. Greene	Reg. No. <u>46,740</u>
	Lynn E. Murry	Reg. No. <u>42,918</u>
	Shirley A. Recipon	Reg. No. <u>47,016</u>
	Cathleen M. Rocco	Reg. No. <u>46,172</u>
	Susan K. Sather	Reg. No. <u>44,316</u>
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	David G. Streeter	Reg. No. <u>43,168</u>
	Sreenivasarao Vepachedu	Reg. No. <u>46,395</u>

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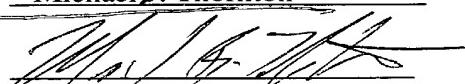
**TEL: 650-855-0555 FAX: 650-849-8886 or 650-845-4166**

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1-00

6/26/02 - MBT

B.

**First Joint Inventor:** Full name: Michael J. Thornton  
  
Signature: \_\_\_\_\_  
Date: June 26, 2002  
Citizenship: United States  
Residence: Woodside, California CA.  
P.O. Address: 9 Medway Road  
Woodside, California 94062-2612

**Second Joint Inventor:** Full name: Jayalaxmi Ramkumar  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: India  
Residence: Fremont, California  
P.O. Address: 34359 Maybird Circle  
Fremont, California 94555

**Third Joint Inventor:** Full name: Catherine M. Tribouley  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: France  
Residence: San Francisco, California  
P.O. Address: 1121 Tennessee Street, #5  
San Francisco, California 94107

**Fourth Joint Inventor:** Full name: Henry Yue  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Sunnyvale, California  
P.O. Address: 826 Lois Avenue  
Sunnyvale, California 94087

**Fifth Joint Inventor:** Full name: Danniel B. Nguyen  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: San Jose, California  
P.O. Address: 1403 Ridgewood Drive  
San Jose, California 95118

**Sixth Joint Inventor:** Full name: Monique G. Yao  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Carmel, Indiana  
P.O. Address: 1189 Woodgate Drive  
Carmel, Indiana 46033

**Seventh Joint Inventor:** Full name: Chandra Arvizu  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Menlo Park, California  
P.O. Address: 490 Sherwood Way, #1  
Menlo Park, California 94025

**Eighth Joint Inventor:** Full name: Ameena R. Gandhi  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: San Francisco, California  
P.O. Address: 705 5<sup>th</sup> Avenue  
San Francisco, California 94118

**Ninth Joint Inventor:** Full name: Neil Burford  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Durham, Connecticut  
P.O. Address: 105 Wildwood Circle  
Durham, Connecticut 06422

**Tenth Joint Inventor:** Full name: Kavitha Thangavelu  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: India  
Residence: Mountain View, California  
P.O. Address: 1950 Montecito Avenue #23  
Mountain View, California 94043

**Eleventh Joint Inventor:** Full name: Mariah R. Baughn  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: San Leandro, California  
P.O. Address: 14244 Santiago Road  
San Leandro, California 94577

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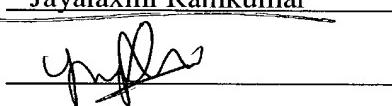
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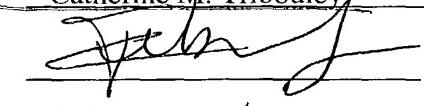
**First Joint Inventor:**      Full name: Michael J. Thornton  
**Signature:** \_\_\_\_\_  
**Date:** \_\_\_\_\_, 2002  
**Citizenship:** United States  
**Residence:** Woodside, California  
**P.O. Address:** 9 Medway Road  
Woodside, California 94062-2612

*2-00*  
**Second Joint Inventor:**      Full name: Jayalaxmi Ramkumar  
**Signature:**   
**Date:** 02/21/, 2002  
**Citizenship:** India  
**Residence:** Fremont, California CA.  
**P.O. Address:** 34359 Maybird Circle  
Fremont, California 94555

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3-00

**Third Joint Inventor:**

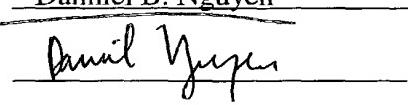
Full name: Catherine M. Tribouley  
Signature:   
Date: 2/26/, 2002  
Citizenship: France  
Residence: San Francisco, California CA.  
P.O. Address: 1121 Tennessee Street, #5  
San Francisco, California 94107

**Fourth Joint Inventor:**

Full name: Henry Yue  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Sunnyvale, California  
P.O. Address: 826 Lois Avenue  
Sunnyvale, California 94087

5-00

**Fifth Joint Inventor:**

Full name: Danniel B. Nguyen  
Signature:   
Date: February 20, 2002  
Citizenship: United States  
Residence: San Jose, California CA.  
P.O. Address: 1403 Ridgewood Drive  
San Jose, California 95118

**Sixth Joint Inventor:** Full name: Monique G. Yao  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Carmel, Indiana  
P.O. Address: 1189 Woodgate Drive  
Carmel, Indiana 46033

**7.00**  
**Seventh Joint Inventor:** Full name: Chandra Arvizu  
Signature: Chandra Arvizu  
Date: February 20, 2002  
Citizenship: United States  
Residence: Menlo Park, California CA 2/20/02  
P.O. Address: 1706 Marocco Dr.  
490 Sherwood Way, #1 San Jose CA  
Menlo Park, California 94025 95125  
CA.

**8.00**  
**Eighth Joint Inventor:** Full name: Ameena R. Gandhi  
Signature: Ameena Gandhi  
Date: March 12, 2002  
Citizenship: United States  
Residence: San Francisco, California CA.  
P.O. Address: 705 5<sup>th</sup> Avenue  
San Francisco, California 94118

**Ninth Joint Inventor:** Full name: Neil Burford  
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Citizenship: United States  
Residence: Durham, Connecticut  
P.O. Address: 105 Wildwood Circle  
Durham, Connecticut 06422

*10-00*  
**Tenth Joint Inventor:** Full name: Kavitha Thangavelu  
Signature: Kavitha T.  
Date: February 22, 2002  
Citizenship: India  
Residence: Mountain View, California CA  
P.O. Address: 1950 Montecito Avenue #23  
Mountain View, California 94043

*11-00*  
**Eleventh Joint Inventor:** Full name: Mariah R. Baughn  
Signature: Mariah R. Baughn  
Date: February 20, 2002  
Citizenship: United States  
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Signature: \_\_\_\_\_

Date: \_\_\_\_\_, 2002

Citizenship: United States

Residence: Woodside, California

P.O. Address: 9 Medway Road  
Woodside, California 94062-2612

**Second Joint Inventor:** Full name: Jayalaxmi Ramkumar

Signature: \_\_\_\_\_

Date: \_\_\_\_\_, 2002

Citizenship: India

Residence: Fremont, California

P.O. Address: 34359 Maybird Circle  
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**Third Joint Inventor:** Full name: Catherine M. Tribouley  
Signature: \_\_\_\_\_  
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Citizenship: France  
Residence: San Francisco, California  
P.O. Address: 1121 Tennessee Street, #5  
San Francisco, California 94107

*4-00*  
**Fourth Joint Inventor:** Full name: Henry Yue  
Signature: Henry Yue  
Date: February 22, 2002  
Citizenship: United States  
Residence: Sunnyvale, California CA  
P.O. Address: 826 Lois Avenue  
Sunnyvale, California 94087

**Fifth Joint Inventor:** Full name: Danniel B. Nguyen  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: San Jose, California  
P.O. Address: 1403 Ridgewood Drive  
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**Sixth Joint Inventor:** Full name: Monique G. Yao  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Carmel, Indiana  
P.O. Address: 1189 Woodgate Drive  
Carmel, Indiana 46033

**Seventh Joint Inventor:** Full name: Chandra Avizu  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Menlo Park, California  
P.O. Address: 490 Sherwood Way, #1  
Menlo Park, California 94025

**Eighth Joint Inventor:** Full name: Ameena R. Gandhi  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: San Francisco, California  
P.O. Address: 705 5<sup>th</sup> Avenue  
San Francisco, California 94118

**Ninth Joint Inventor:** Full name: Neil Burford  
Signature: \_\_\_\_\_  
Date: \_\_\_\_\_, 2002  
Citizenship: United States  
Residence: Durham, Connecticut  
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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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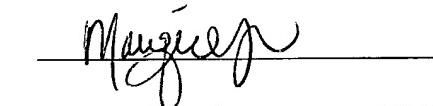
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**Eleventh Joint Inventor:**

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**DECLARATION AND POWER OF ATTORNEY FOR  
UNITED STATES PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, and

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a United States patent is sought on the invention entitled

**HUMAN LYASES**

the specification of which:

/\_\_\_\_/ is attached hereto.

/\_\_\_\_/ was filed on \_\_\_\_\_ as application Serial No. \_\_\_\_\_ and if this box contains an X /\_\_\_\_/, was amended on \_\_\_\_\_.

/X\_\_\_\_/ was filed as Patent Cooperation Treaty international application No. PCT/US01/19166 on June 13, 2001, if this box contains an X /\_\_\_\_/, was amended on under Patent Cooperation Treaty Article 19 on \_\_\_\_\_ 2002, and if this box contains an X /\_\_\_\_/, was amended on \_\_\_\_\_.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge my duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim the benefit under Title 35, United States Code, §119 or §365(a)-(b) of any foreign application(s) for patent or inventor's certificate indicated below and of any Patent Cooperation Treaty international applications(s) designating at least one country other than the United States indicated below and have also identified below any foreign application(s) for patent or inventor's certificate and Patent Cooperation Treaty international application(s) designating at least one country other than the United States for the same subject matter and having a filing date before that of the application for said subject matter the priority of which is claimed:

**Docket No.: PI-0137 USN**

Country	Number	Filing Date	Priority Claimed
			/ Yes / No
			/ Yes / No

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)
60/213,383	June 23, 2000	Expired
60/215,544	June 30, 2000	Expired
60/222,818	August 4, 2000	Expired

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of Title 35, United States Code §112, I acknowledge my duty to disclose material information as defined in Title 37 Code of Federal Regulations, §1.56(a) which occurred between the filing date(s) of the prior application(s) and the national or Patent Cooperation Treaty international filing date of this application:

Application <u>Serial No.</u>	Filed	Status (Pending, Abandoned, Patented)

I hereby appoint the following:

Lucy J. Billings	Reg. No. 36,749
Jenny Buchbinder	Reg. No. 48,588
Michael C. Cerrone	Reg. No. 39,132
Diana Hamlet-Cox	Reg. No. 33,302
Richard C. Ekstrom	Reg. No. 37,027
Barrie D. Greene	Reg. No. 46,740
Lynn E. Murry	Reg. No. 42,918
Shirley A. Recipon	Reg. No. 47,016
Cathleen M. Rocco	Reg. No. 46,172
Susan K. Sather	Reg. No. 44,316
Michelle M. Stempien	Reg. No. 41,327
David G. Streeter	Reg. No. 43,168
Sreenivasarao Vepachedu	Reg. No. 46,395

respectively and individually, as my patent attorneys and/or agents, with full power of substitution and

**Docket No.: PI-0137 USN**

revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please address all communications to:

**LEGAL DEPARTMENT  
INCYTE GENOMICS, INC.  
3160 PORTER DRIVE, PALO ALTO, CA 94304**

**TEL: 650-855-0555      FAX: 650-849-8886 or 650-845-4166**

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**Third Joint Inventor:** Full name: Catherine M. Tribouley  
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**Ninth Joint Inventor:**

Full name: Neil Burford

Signature: *Neil Burford*

Date: 2/7, 2002

Citizenship: United States ~~— GREAT BRITAIN~~ *NB.*

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**Tenth Joint Inventor:**

Full name: Kavitha Thangavelu

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**Eleventh Joint Inventor:**

Full name: Mariah R. Baughn

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